

# IDUA Polyclonal antibody

Catalog Number: 55158-1-AP

3 Publications

## Basic Information

## Catalog Number:

55158-1-AP

## Size:

900 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## GenBank Accession Number:

NM\_000203

## GeneID (NCBI):

3425

## UNIPROT ID:

P35475

## Full Name:

iduronidase, alpha-L-

## Calculated MW:

73 kDa

## Observed MW:

73 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:200-1:800

## Applications

## Tested Applications:

IHC, WB, ELISA

## Cited Applications:

WB, IP, IHC

## Species Specificity:

human, mouse, rat

## Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

WB : mouse brain tissue, rat brain tissue

IHC : human prostate cancer tissue,

## Background Information

IDUA belongs to the glycosyl hydrolase 39 family. It hydrolysis of unsulfated alpha-L-iduronosidic linkages in dermatan sulfate. Defects in IDUA are the cause of mucopolysaccharidosis type 1H (MPS1H)( also known as Hurler syndrome), MPS1H/S(also known as Hurler-Scheie syndrome) and MPS1S(also known as Scheie syndrome), which are rare lysosomal storage diseases. This antibody is specific to IDUA.

## Notable Publications

Author	Pubmed ID	Journal	Application
Pei He	34783964	Mol Cell Biochem	IP
Xiu Jin	35573046	Mol Ther Methods Clin Dev	WB
Zhengqi Wu	38146369	Front Immunol	WB,IHC

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

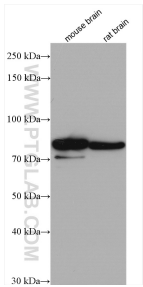
For technical support and original validation data for this product please contact:

T: 4006900926

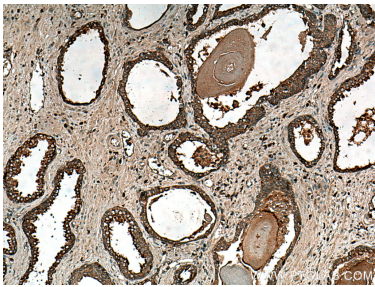
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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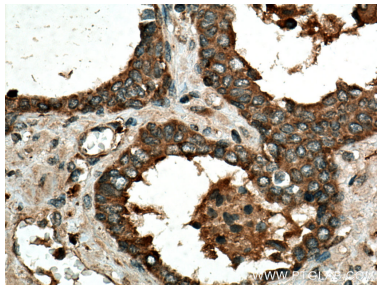
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55158-1-AP (IDUA antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 55158-1-AP (IDUA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 55158-1-AP (IDUA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).